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IOWA DEPARTMENT OF AGRICULTURE
Division of Agricultural Statistics

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IOWA AGRICULTURAL STATISTICS

BOONE COUNTY

* * *

County Statistical Bulletin

No. 55

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Office of the Agricultural Statistician
305 United States Court House
Des Moines, Iowa

IOWA CROP AND LIVESTOCK REPORTING SERVICE
Division of Agricultural Statistics
Leslie M. Carl, Director

* * * * *

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IOWA AGRICULTURAL STATISTICS - BOONE COUNTY

County Statistical Bulletin No. 55

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FOREWORD

The Iowa Crop and Livestock Reporting Service is the Iowa unit of a nation-wide organization which is entrusted with the responsibility of operating a standard statistical service for agriculture. The Division of Agricultural Statistics is a division of the Iowa State Department of Agriculture working in cooperation with the Agricultural Marketing Service of the United States Department of Agriculture. The year 1939 marked the one-hundredth anniversary of the collection of statistics of agriculture in the United States.

The general program of the Iowa Crop and Livestock Reporting Service is to meet the public needs and demands for summary data of an historical nature and for current statistical information of agricultural production in Iowa and the United States.

In recent years, there has been an increasing demand from agricultural organizations, commercial interests, teachers, legislators, and county, state and governmental agencies for agricultural data showing the trends of change in counties. Little has been done in the past to make available data for each county over an extended period of time. So urgent is the need for county data that some organizations have assembled such information at considerable cost. It is in response to these needs that this series is being issued.

The county data herein offered have been assembled from existing State and Federal documents and reports, under the supervision of Norman V. Strand, State-wide Work Projects Administration Supervisor of Agricultural Economics and Statistics projects. This is a report of work completed on Official Project 65-1-72-155 of the Work Projects Administration. Official Project 665-72-3-36 furnished the material for Tables 26 and 28.

The Iowa Agricultural Extension Service participated in the preparation of the materials in this report. Selected data from the files of the Iowa Agricultural Experiment Station have been released for publication in this series. Special credit is given to the Iowa assessors and tax officials who collect data on crops and livestocks as required under the Iowa laws. Without these data by townships and counties detailed agricultural statistics would be less accurate and less complete.

Leslie M. Carl, Director
Division of Agricultural Statistics

Des Moines, Iowa
December, 1940

IOWA AGRICULTURAL STATISTICS - BOONE COUNTY

This county is slightly west of the geographical center of the State. It is another county formed from the old Benton County strip that was established by the Wisconsin Territorial Legislature on December 21, 1837. 1/ It was formally created as a part of the State by the act of the Iowa Legislature in January, 1846, and named for Captain Nathan Boone who commanded a company of Rangers which explored the Des Moines and Boone River valleys in 1832. Lysander W. Babbitt, a young man with the expedition, and two companions came back into the Boone valley early in 1842. After hunting and exploring for several months they came to the present site of Moingona where they found the ruins of an Indian village. They made claims here and stayed until 1844, when they returned to more settled country because the roving bands of Indians had robbed them of their furs and threatened their lives. They were the first white men to make their homes in Boone County.

The county was regularly organized in 1849, but it was attached to Polk County for judicial and administrative purposes. A town sprang up on the site selected for the county-seat and was named Boonesboro, which soon became the principal town in the county. 2/

In 1865 the Cedar Rapids and Missouri River Railroad was extended to the new town of Montana, one mile east of Boonesboro. The Railroad Company demanded a large bonus from the county-seat to secure the line, but Boonesboro, feeling secure, declined to pay it. As a result the road was turned southwest, entirely missing the town. A long and bitter struggle ensued, but the town of Boone, as Montana came to be called, won and the town of Boonesboro became a suburb of the new city. 3/

A portion of the Des Moines River valley near Boone has been set aside and named Ledges State Park. The rugged grandeur of towering, rocky bluffs and timbered hills, with the added attraction of a zoo, an outdoor museum, and picnic conveniences, attract many thousand visitors yearly. 4/

Boone County is rich in places of historical interest. Pilot Mound, in the northwestern part, was used by the early settlers as a signal hill; when the residents of the region were to be summoned for any special purpose big fires were kindled on its top to attract their attention. A terrific Indian battle was fought here and many bodies of the fallen braves were buried on its summit. 5/

1/ Wisconsin Territorial Laws, 1836, 1837. No. 6, pp. 132-138.
2/ Gue, B. F., History of Iowa. Vol. III, pp. 311-312. The Century History Co., New York City. 1903.
3/ Ibid. p. 478.
4/ Iowa, A Guide to the Hawkeye State. Compiled and written by the Federal Writers' Project of the Works Progress Administration for the State of Iowa. p. 478. The Viking Press, New York City. 1938.
5/ Ibid. p. 403.

Another point of interest is High Bridge, near Madrid. This bridge, 2,474 ft. in length and 145 ft. high, is the highest in the state. 6/

In addition to its wealth of agricultural, livestock and manufactured products, Boone County ranks among the leading coal producers of the State. In 1936 it ranked fourth in the State, producing 488,314 tons. 7/

Area

Boone County is 24 miles square, containing 569 square miles. 8/ It contains 364,160 acres, of which 345,502 are listed as farm lands. 9/ The county contains sixteen Congressional and seventeen civil townships. The two central tiers of townships are unequal in area because their boundaries conform to the Des Moines River. It ranks thirty-fourth in the State in point of size —sharing this position with Hardin, Jones and O'Brien counties.

Soils

The soils of Boone County are grouped into three classes according to their origin and location; namely, drift, terrace, and swamp and bottom-land. The drift soils cover 93.3 percent of the surface of the county and are divided into Carrington loam--40.4 percent, Clarion loams--20.6 percent, Webster loams --27.4 percent, and Conover silt loam--4.9 percent. The terrace soils cover 1.9 percent of the surface and are divided into Buckner loams--0.8 percent, Buckner loamy fine sand--0.1 percent, O'Neill loams--0.6 percent, and Waukesha loam--0.4 percent. The swamp and bottom-land soils cover 4.8 percent of the area and are divided into Wabash loams--3.0 percent, Sarpy silt loam--0.8 percent, and peat and muck--1.0 percent. 10/

Topography

Topographically, the larger part of Boone County is a level to gently rolling prairie. However, a wide variety of surface features are found within its boundaries. The Des Moines River follows a winding course southward near the center of the county. Its deep, narrow, wooded valley, scarcely more than a mile in width at any point, varies in depth from 130 to 250 feet below the general upland level. Tributary streams have cut valleys and ridged the bordering territory, thereby creating a steep, hilly and, in many places, rough condition within several miles on either side of the main channel.

6/ Ibid. p. 389.
7/ Iowa Official Register, 1938-1940. Thirty-seventh Number. p. 314.
8/ Comparative Areas of Iowa Counties, U. S. Census 1930. Iowa Official Register, 1931-1932, p. 433.
9/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 10.
10/ Iowa Agricultural Experiment Station. Soil Survey of Iowa, Boone County. Soil Survey Report No. 34: p. 11. 1924.

The Des Moines River system drains all but the northeastern part, which is served by Squaw Creek and several tributaries which join the Skunk River in Story County. Considerable areas of flat, level land also exist. Drainage is poor on these tracts and tiling is necessary to make the land workable and productive. 11/

Climate

The average temperature for 37 years (1893-1930) was 48.2 degrees. The average precipitation for 59 years (1871-1930) in this county was 32.88 inches, and the growing season averaged 160 days between the killing frost dates of May 7 and October 4, recorded over a period of 37 years. 12/

Population

Boone is another Iowa county that has experienced very little recession in its population growth. With the advent of the railroad in 1865, the population increased very rapidly. This was the era of its greatest increase, but it has had a fairly steady growth since. The rural population has shown a decline, however, attributable to the mechanization of farms and the consequent demand for fewer farm laborers.

The following table shows the number of inhabitants recorded at 10-year intervals:

Year	Inhabitants	Urban	Rural
1850	735	-	-
1860	4,232	-	-
1870	14,484	-	-
1880	20,838	-	-
1890	23,772	-	-
1900	28,200	11,209	16,991 13/
1910	27,626	13,850	13,776
1920	29,892 14/	17,028 15/	12,864
1930	29,271 16/	16,569	12,702
1935	-	-	10,557 17/

In 1930, the total foreign born and mixed parentage content of Boone County comprised about 31.7 percent of the population. The Swedes led with 3,348, the Germans came next with 2,079, and England, Scotland and Italy were well represented with 719, 588 and 255, respectively. 18/

11/ Ibid.
12/ United States Weather Bureau. Climatic Summary of the United States from establishment of stations to 1930, inclusive. Section 51--Central Iowa. pp. 9, 18,19. 1933.
13/ Unless otherwise indicated, rural population figures were obtained by deducting the urban from the total population.
14/ Census of Iowa. 1925. pp. 708-709. 1926.
15/ Ibid. p. 925 et seq.
16/ Iowa Official Register, 1937-1938. Thirty-seventh Number. p. 368 et seq.
17/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 10.
18/ United States Bureau of the Census. Fifteenth Census of the United States 1930. Populations. Vol. III, Part 1, Tables 18-19, pp. 785-788.

Cooperatives

In 1937, there were 5 cooperative institutions in operation in this county--4 elevators and 1 livestock enterprise.

The 4 concerns which reported had 596 members, of which 411 were active, and 1,680 persons patronized them during the year. The selling cooperatives had a business volume of $864,370 and the purchasing cooperatives transacted $51,729 worth of business.

Cooperatives may both buy and sell or they may perform one or the other function exclusively. Purchasing cooperatives buy non-farm commodities for distribution to their members and patrons, and selling cooperatives market farm commodities for their members and patrons. 19/

Fruit

The best year for apples was in 1884, when 51,901 trees yielded 46,290 bushels. Plums also were at their peak of production that year, with 6,087 trees and 3,579 bushels being recorded. In 1909, 13,029 cherry trees produced a record crop of 1,545 bushels. This was also the best year for grapes, as 19,572 vines were credited with 118,057 pounds. Peaches have never been of any importance. 20/

19/ Unpublished data from:-
Omaha Farm Credit Administration and Iowa State College.

20/ Sources:
1. Census of Iowa. 1875, 1885, 1895.
2. United States Bureau of the Census. Thirteenth Census of the United States: 1910. Agriculture: Iowa. Bulletin.
3. United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa Statistics by Counties, Second Series. 1936.

Note Regarding Yields of Corn

The crop assessors' statistical breakdown for corn acreage is as follows: (1) all corn, (2) corn husked for grain, (3) corn cut for silage, (4) corn cut for fodder and (5) corn hogged off. A total production is given for each farm which includes only that actually husked. In getting county totals of production, the acreage other than that husked is multiplied by the yield (derived by dividing total bushels corn husked by total acres husked) and added to summations of individual farm productions shown as husked. This assumes that acreage not husked would have produced the same yield as that actually husked.

In 1934 and 1936, both poor crop years, separate estimations of corn yield on acreage not husked were made by the State assessors' office because it was felt that farmers in those years would select their best acreages for husking and cut or hog off the rest, which would have a different and lower yield. This separate yield estimation was then multiplied by the acreage not husked and the total added to that reported as husked.

This was done by counties only and not by townships. The township yields for these two years, then, are somewhat high since they are based only on acreage husked for grain and bushels husked. The total corn acreage is shown by township with this yield, and any attempt to multiply it by the acreage shown to get total production will result in a too high figure. The county summary table figures for corn yield in 1934 and 1936 have been adjusted for poorer yields on that acreage not husked and these yields may legitimately be multiplied by the acreages shown there to arrive at total productions for the county.

In all other years actual township productions may be derived from the yield and acreage figures shown in the tables since corn yield has been assumed to be equal in all utilizations. The county yield and township yields are, therefore, consistent in all years except 1934 and 1936.

TABLE 1
LAND UTILIZATION AND YIELDS, 1929-1938
County Summary

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	2449	350104	143	141104	42	87455	40	693	26	3136	31
1930	2473	348530	141	141006	29	89657	39	895	24	1890	30
1931	2478	347122	140	144974	39	85576	37	658	23	1638	31
1932	2435	347882	143	144920	45	87618	38	595	16	1872	24
1933	2463	348769	142	141336	30	90516	29	574	22	2277	22
1934	2459	347505	141	117544	19	75047	8	940	9	1244	8
1935	2422	346718	143	123775	41	92870	35	649	14	2097	25
1936	2391	346016	145	136586	23	79145	34	810	25	1243	26
1937	2409	348280	145	139115	56	82003	54	1790	21	1373	33
1938	2406	346048	144	129148	54	80961	33	1164	18	1530	26
10 Yr.Ave.	2438	347697	143	135951	40	85085	35	877	20	1830	26

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	278	19	166	17	15	246	32	6275	16211
1930	457	19	126	13	25	31	45	6465	15638
1931	404	19	230	20	53	4	94	6410	13286
1932	244	17	245	20	11	61	124	6647	14540
1933	355	20	275	25	10	145	431	7645	15930
1934	275	10	516	9	–	45	106	8037	22253
1935	573	8	1219	17	204	–	144	6145	18992
1936	257	14	674	14	19	262	317	8823	19045
1937	199	11	1162	20	80	216	353	10674	19227
1938	162	11	2524	22	67	1029	969	10174	22044
10 Yr.Ave.	320	15	714	19	48	204	262	7730	17717

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	3055	76372	1020	17134	1504	1674	255
1930	2739	75532	800	17180	895	1440	205
1931	2372	75620	915	17236	1986	1829	251
1932	2330	74468	445	17405	1256	1559	250
1933	2195	74263	960	16921	782	1639	305
1934	2015	83615	1460	17882	1138	2241	21229
1935	2096	76372	2712	17860	1247	2473	3435
1936	2090	73836	1471	18065	1135	1974	9349
1937	1897	75706	1814	18312	637	1689	2933
1938	1672	75298	3169	18660	815	2185	5680
10 Yr.Ave.	2246	76108	1477	17666	1138	1870	4389

10 Year Average Acres: Rye 285 ; Flaxseed 37 ; Popcorn 23 . (Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 2
ACREAGE AND YIELDS OF HAY
County Summary

Year	Mixed Clover&Timothy		Alfalfa		Wild Hay		All Tame Hay	
	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre
1929	4,508	1.59	6,275	3.38	3,055	1.18	16,211	2.39
1930	4,605	1.39	6,465	2.82	2,739	1.05	15,638	2.00
1931	1,757	1.26	6,410	1.62	2,372	.76	13,286	1.35
1932	1,993	1.32	6,647	2.50	2,330	.84	14,540	1.81
1933	5,688	1.29	7,645	2.41	2,195	.88	15,930	1.81
1934	3,067	.60	8,037	1.26	2,015	.28	22,253	.93
1935	2,711	1.11	6,145	2.22	2,096	.60	18,992	1.76
1936	5,291	1.20	8,823	1.95	2,090	.80	19,045	1.48
1937	3,998	1.20	10,674	2.55	1,897	1.01	19,227	1.99
1938	4,899	1.31	10,174	2.05	1,672	1.00	22,044	1.72
10 Yr. Ave.	3,852	1.25	7,730	2.25	2,246	.86	17,717	1.70

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 3
LAND UTILIZATION AND YIELDS

Amaqua Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	128	23106	180	9904	42	6448	41	8	50	164	32
1930	129	22278	173	9537	34	6316	37	13	31	125	33
1931	130	22366	172	10033	38	6070	34	26	10	126	33
1932	130	22459	173	10068	42	6218	36	-	-	137	25
1933	131	22287	170	9650	52	6269	27	1	20	119	19
1934	132	22545	171	7900	30	6206	11	30	5	60	8
1935	128	22757	178	8813	43	7070	36	10	5	54	23
1936	126	22556	179	9282	21	6162	33	12	25	51	26
1937	128	22831	178	9811	57	6142	54	52	19	27	33
1938	127	22175	175	8872	58	5916	35	-	-	25	28
10 Yr. Ave.	129	22536	175	9387	42	6282	34	15	17	89	27

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	4	18	15	-	-	343	997
1930	10	49	-	-	-	13	40	387	1063
1931	-	-	-	-	-	4	-	443	912
1932	-	-	-	-	-	-	38	404	906
1933	12	30	28	22	-	2	6	456	963
1934	23	8	54	16	-	-	-	506	1032
1935	86	7	46	13	52	-	-	389	1067
1936	-	-	108	16	2	-	13	399	896
1937	-	-	143	18	7	5	10	488	913
1938	-	-	125	20	-	202	76	522	1364
10 Yr. Ave.	13	12	51	18	8	23	18	434	1011

Year	Wild Hay Acres	All Pasture Acres	All Other Crop Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	278	4122	14	1133	-	19	-
1930	275	3751	8	1136	-	4	-
1931	207	3862	13	1117	-	-	-
1932	191	3690	3	1208	-	-	-
1933	177	3840	67	1144	-	11	-
1934	199	3925	31	1187	8	-	1890
1935	223	3904	223	1201	-	8	-
1936	166	3794	92	1191	-	9	778
1937	177	3823	187	1193	-	52	294
1938	144	3805	652	1115	30	2	49
10 Yr. Ave.	204	3852	129	1162	4	10	301

10 Yr. Ave. Acres - Rye 19
Popcorn 0 Flaxseed 5
(Acreages also shown in "All Other Crops")

* Included in "All Tame Hay".

Source: Iowa Department of Agriculture. Division of Agricultural Statistics.

TABLE 4
LAND UTILIZATION AND YIELDS

Beaver Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	114	22346	196	9162	41	6248	42	3	20	102	33
1930	116	22345	193	9250	31	6412	43	10	20	65	36
1931	118	22356	190	9404	39	6145	31	9	16	83	33
1932	117	22201	190	9541	47	6225	44	28	28	162	23
1933	118	22311	189	9271	55	6757	29	-	-	124	21
1934	112	22285	199	7958	22	5520	9	23	9	85	8
1935	111	22310	201	7834	46	7029	35	10	22	78	28
1936	119	22381	188	9242	23	5515	38	12	32	17	22
1937	108	22340	207	8983	60	5731	55	29	10	33	32
1938	118	22346	189	8489	60	5742	35	3	5	18	25
10 Yr. Ave.	115	22322	194	8913	43	6132	36	13	18	77	26

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres *	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	15	13	-	-	-	306	767
1930	-	-	11	11	-	-	5	346	714
1931	51	21	30	14	-	-	49	436	686
1932	23	16	17	18	-	-	-	407	542
1933	-	-	9	30	-	-	47	442	675
1934	-	-	12	6	-	-	43	366	1299
1935	-	-	75	21	5	-	12	218	828
1936	-	-	99	12	-	63	25	360	863
1937	22	12	245	20	-	49	105	551	946
1938	-	-	281	26	6	61	184	544	1121
10 Yr. Ave.	10	18	79	20	1	17	47	398	844

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	180	4598	52	1047	-	166	6
1930	224	4397	45	1056	-	156	-
1931	185	4477	30	1034	-	173	-
1932	185	4301	-	1088	15	74	-
1933	174	4127	4	1072	14	37	-
1934	140	5108	119	1071	10	175	722
1935	174	4219	159	1129	3	223	532
1936	190	4154	57	1273	-	154	780
1937	164	4168	88	1285	-	117	424
1938	130	4342	120	1277	-	173	460
10 Yr. Ave.	175	4389	67	1133	4	145	292

10 Yr. Ave. Acres - Rye 14
Popcorn .8 Flaxseed 0
(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".
Source: Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 5

LAND UTILIZATION AND YIELDS — Cass Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	60	10503	175	3725	41	2122	35	70	26	131	31
1930	69	10330	150	3303	27	2014	32	32	22	136	39
1931	66	10471	159	3156	38	2080	38	62	31	122	33
1932	62	10374	167	3384	42	2115	34	63	72	-	-
1933	60	10326	172	3278	44	2108	33	10	20	93	27
1934	69	11040	160	2994	10	1857	3	10	2	78	3
1935	63	10569	168	2770	34	2264	32	38	26	145	28
1936	64	10411	163	3093	23	1700	33	114	19	140	35
1937	57	10652	187	2990	52	1696	51	97	26	145	33
1938	58	10479	181	2737	51	1916	29	153	16	117	22
10 Yr. Ave.	63	10516	167	3143	39	1987	32	65	22	111	29

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	4	22	8	31	-	-	-	484	634
1930	-	-	-	-	-	-	-	394	452
1931	19	22	6	17	-	-	-	373	437
1932	-	-	-	-	-	-	-	375	458
1933	17	18	1	40	-	-	52	323	459
1934	-	-	74	4	-	-	-	471	648
1935	8	16	87	18	-	-	-	348	717
1936	-	-	33	10	-	-	-	338	593
1937	27	14	20	22	-	-	15	519	792
1938	-	-	15	19	-	8	-	467	705
10 Yr. Ave.	8	17	24	14	0	.8	7	409	590

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	7	3362	27	373	40	-	-
1930	13	3892	3	381	61	31	12
1931	12	4256	3	282	10	7	19
1932	5	3959	2	366	-	4	18
1933	5	3855	4	383	55	6	-
1934	5	4515	33	478	5	38	305
1935	-	3929	124	470	-	5	12
1936	6	3319	32	593	332	-	456
1937	8	4294	81	487	-	-	-
1938	8	4101	20	574	-	-	133
10 Yr. Ave.	7	3948	33	439	50	9	96

10 Yr. Ave. Acres - Rye 12
Popcorn 0 Flaxseed .5
(Acreages also shown in "All Other Crops")

* Included in "All Tame Hay".

Source: Iowa Department of Agriculture. Division of Agricultural Statistics.

TABLE 6.

LAND UTILIZATION AND YIELDS — Colfax Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	158	21957	139	10030	43	6397	44	18	20	272	31
1930	140	21146	151	9698	29	6266	42	12	25	205	29
1931	141	20606	146	9811	44	6162	44	9	28	159	31
1932	141	20706	147	9807	46	6111	43	23	18	188	31
1933	148	21163	143	9589	50	6626	35	64	29	110	21
1934	150	21228	142	7772	12	5336	5	20	9	61	3
1935	144	20816	145	8224	43	6742	36	30	10	201	27
1936	143	22063	154	9513	27	6063	41	36	25	52	28
1937	148	22082	149	9791	60	6246	58	85	19	42	30
1938	148	22060	149	8936	54	6125	29	11	25	25	23
10 Yr. Ave.	146	21383	146	9317	43	6207	38	31	21	132	28

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	1	45	29	20	-	-	20	224	919
1930	40	10	30	12	5	-	-	277	877
1931	-	-	19	32	-	-	-	301	647
1932	6	12	41	24	-	-	-	259	756
1933	9	31	19	22	-	-	-	294	882
1934	-	-	42	4	-	-	-	378	1736
1935	10	8	123	17	-	-	-	260	1256
1936	20	12	33	12	-	47	-	423	1283
1937	5	12	17	19	-	-	58	653	1308
1938	-	-	122	24	24	37	86	727	1582
10 Yr. Ave.	9	13	48	19	3	8	16	380	1125

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	160	3038	27	1010	-	36	-
1930	143	2638	22	1195	-	15	-
1931	91	2566	12	1101	10	19	-
1932	97	2424	105	1127	8	13	-
1933	101	2466	50	1200	-	47	-
1934	85	3694	14	1220	8	134	1106
1935	86	2647	77	1211	-	209	-
1936	92	2971	163	1230	4	57	546
1937	75	2923	122	1272	-	16	122
1938	81	3177	129	1234	-	18	510
10 Yr. Ave.	101	2854	72	1180	3	56	228

10 Yr. Ave. Acres - Rye 21
Popcorn 2 Flaxseed 6
(Acreages also shown in "All Other Crops")

* Included in "All Tame Hay".

Source: Iowa Department of Agriculture. Division of Agricultural Statistics.

TABLE 7
LAND UTILIZATION AND YIELDS — Des Moines Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	166	19428	117	7717	41	4576	40	-	-	156	27
1930	179	20142	112	7884	29	4802	45	-	-	177	24
1931	180	19921	111	8088	40	4491	39	-	-	20	34
1932	176	19965	113	7862	44	4591	41	-	-	20	14
1933	196	20298	104	8013	51	4573	27	-	-	97	21
1934	191	20415	107	6856	23	3921	10	20	18	45	16
1935	181	19746	109	7185	40	4604	34	14	17	108	16
1936	181	19733	109	8007	24	3982	36	46	36	108	17
1937	186	20204	109	8528	58	3875	59	100	26	75	42
1938	188	20721	110	7964	57	4211	35	70	21	141	31
10 Yr. Ave.	182	20057	110	7810	42	4363	37	25	26	95	25

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld	Acres	Ave. Yld.	Timothy Acres*	Red & Als.Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	44	18	-	-	-	-	-	448	826
1930	90	16	3	12	-	-	-	584	1066
1931	41	20	41	11	-	-	-	484	820
1932	69	12	6	18	-	-	-	449	1027
1933	87	20	19	17	-	-	-	640	1125
1934	53	14	37	8	-	-	52	562	1782
1935	50	13	63	15	-	-	-	438	1311
1936	28	22	48	14	-	42	116	637	1359
1937	20	10	19	15	4	5	46	682	1157
1938	10	17	108	22	-	7	72	772	1478
10 Yr. Ave.	49	16	34	16	.4	5	29	570	1195

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	82	5042	101	884	-	-	-
1930	64	5105	112	839	-	-	-
1931	44	5270	110	908	-	84	4
1932	62	5412	33	883	-	-	-
1933	62	5133	192	990	-	-	7
1934	62	5452	165	1100	19	2	849
1935	66	4776	244	1093	2	216	14
1936	53	4370	246	990	12	33	335
1937	54	4886	316	989	9	8	118
1938	58	5120	187	1034	7	18	243
10 Yr. Ave.	61	5057	171	971	5	36	157

10 Yr. Ave. Acres - Rye 28
Popcorn 6 Flaxseed 0
(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".
Source: Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 8

LAND UTILIZATION AND YIELDS — Dodge Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	199	29728	149	10991	44	6680	41	-	-	548	36
1930	206	29556	144	11036	30	7071	40	93	22	262	34
1931	206	29665	144	11490	36	6350	35	3	20	285	28
1932	189	29372	155	11129	45	6872	36	-	-	333	16
1933	195	29973	154	11103	51	6760	25	52	18	496	20
1934	199	30012	151	9346	28	5847	12	-	-	357	13
1935	197	29963	152	9665	39	7010	34	22	8	413	22
1936	206	29375	143	10825	22	5917	31	-	-	102	20
1937	203	29690	146	10702	54	6512	53	30	25	138	35
1938	196	29876	152	10153	51	6552	32	57	17	90	33
10 Yr. Ave.	200	29721	149	10644	40	6557	34	26	20	302	25

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	105	18	10	14	-	31	-	517	1438
1930	137	17	-	-	-	3	-	459	1082
1931	95	18	18	26	9	-	-	477	1108
1932	33	18	46	19	-	17	-	539	1275
1933	50	22	19	21	-	35	11	550	1427
1934	56	15	27	8	-	-	-	544	1939
1935	80	6	30	15	12	-	25	518	1520
1936	26	20	52	13	11	11	8	194	1500
1937	19	8	85	20	10	48	43	918	1735
1938	15	16	176	20	6	128	238	885	1755
10 Yr. Ave.	62	16	46	18	5	27	32	620	1478

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	501	7066	131	1371	123	730	34
1930	493	7334	45	1306	375	322	-
1931	440	7338	111	1407	505	468	38
1932	437	7036	45	1367	236	432	81
1933	387	7784	134	1305	118	302	25
1934	401	7694	202	1477	182	493	1991
1935	357	7799	151	1400	308	557	614
1936	341	6753	123	1464	190	1054	1009
1937	305	7484	52	1530	80	655	310
1938	269	7340	98	1687	156	651	633
10 Yr. Ave.	393	7368	109	1431	227	566	474

10 Yr. Ave. Acres - Rye 12
Popcorn .2 Flaxseed 5
(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Source; Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 9
LAND UTILIZATION AND YIELDS — Douglas Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	80	9267	116	3300	38	1828	36	136	27	101	24
1930	83	9504	114	3493	25	1736	38	164	22	50	24
1931	85	9669	114	3582	37	1847	37	64	23	49	22
1932	79	9638	122	3470	41	1687	39	56	17	34	38
1933	72	9247	128	3260	47	1788	31	112	21	58	30
1934	70	9466	135	2727	12	770	3	100	8	14	1
1935	79	9756	124	2717	36	1950	34	104	16	47	31
1936	80	9109	114	3241	23	1527	33	70	24	92	23
1937	84	10395	124	3520	54	1682	54	182	24	91	25
1938	87	10048	116	3039	47	1621	31	107	24	75	23
10 Yr. Ave.	80	9610	120	3235	38	1644	35	110	21	61	25

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	4	32	5	20	-	-	-	185	421
1930	27	30	5	16	-	-	-	191	428
1931	36	19	-	-	-	-	25	170	337
1932	4	17	-	-	-	-	-	190	405
1933	-	-	-	-	-	-	-	224	406
1934	-	-	-	-	-	-	-	218	492
1935	-	-	16	18	-	-	-	151	484
1936	40	11	18	24	-	-	6	217	420
1937	-	-	31	22	-	-	-	234	512
1938	15	7	92	20	-	14	-	228	603
10 Yr. Ave.	13	18	17	21	0	1	3	201	451

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	19	2903	46	352	113	39	-
1930	15	3112	-	382	15	77	-
1931	18	3088	1	427	147	48	-
1932	19	3034	11	400	290	167	61
1933	20	2840	83	396	105	153	26
1934	17	3245	85	439	6	165	1406
1935	19	3340	98	434	58	230	259
1936	32	2840	48	479	5	188	103
1937	26	3272	76	445	77	234	247
1938	5	3530	23	469	5	219	245
10 Yr. Ave.	19	3120	47	422	82	152	235

10 Yr. Ave. Acres - Rye 9
Popcorn .7 Flaxseed .2
(Acreages also shown in "All Other Crops")

* Included in "All Tame Hay".

Source; Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 10
LAND UTILIZATION AND YIELDS

Garden Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	150	22774	152	10384	46	5899	44	60	20	425	32
1930	151	22868	151	10535	28	6190	43	89	23	113	29
1931	153	22812	149	10950	45	5977	43	83	13	146	33
1932	149	22766	153	10698	48	6085	42	116	20	136	33
1933	149	22780	153	10465	53	6402	33	106	23	182	30
1934	149	22815	153	8793	16	4542	5	167	11	92	3
1935	151	22782	151	9273	40	6644	36	179	12	85	28
1936	146	22791	156	9933	27	5603	40	172	27	98	29
1937	151	22829	151	10033	58	5709	57	341	20	200	29
1938	149	22784	153	9127	55	5457	30	289	17	176	14
10 Yr. Ave.	150	22800	152	10019	43	5851	38	160	18	165	28

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	20	23	-	-	-	143	-	551	1228
1930	56	20	-	-	-	15	-	554	1315
1931	34	18	-	-	-	-	-	477	972
1932	12	13	-	-	-	32	51	511	1173
1933	38	21	23	26	-	43	191	551	1294
1934	23	4	26	10	-	10	-	474	2118
1935	50	9	164	18	20	-	20	398	1465
1936	11	14	84	19	-	17	120	722	1511
1937	-	-	162	23	-	-	-	834	1489
1938	-	-	278	21	-	71	170	763	1791
10 Yr. Ave	24	16	74	20	2	33	55	584	1436

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	88	3395	34	1104	-	59	78
1930	79	3255	16	1142	-	42	36
1931	99	3396	11	1097	1	46	-
1932	81	3244	14	1120	4	29	3
1933	84	2868	10	1025	-	92	-
1934	83	4394	29	1036	-	35	1477
1935	92	3472	121	1077	-	44	76
1936	124	3407	33	1085	-	51	559
1937	74	3574	33	1048	-	29	137
1938	67	3566	69	1086	10	41	657
10 Yr. Ave	87	3457	37	1082	2	47	302

10 Yr. Ave. Acres - Rye 19
Popcorn 0 Flaxseed 3
(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 11

LAND UTILIZATION AND YIELDS — Grant Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	145	21984	152	9299	44	5985	45	17	26	303	26
1930	153	22377	146	9346	32	6532	40	12	31	148	27
1931	143	21688	152	9688	35	6090	35	-	-	93	34
1932	138	21152	153	9264	44	6198	37	8	10	201	25
1933	154	22062	143	9817	53	6624	29	-	-	37	16
1934	144	21519	149	7552	39	6243	13	17	17	10	9
1935	144	22159	154	8885	42	6858	36	-	-	61	25
1936	145	21909	151	9389	29	5919	35	-	-	39	23
1937	137	21678	158	9508	58	6238	55	15	19	89	42
1938	139	21665	156	9240	58	5944	38	6	8	135	27
10 Yr. Ave.	144	21819	151	9199	44	6263	36	8	20	112	28

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo. Acres *	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	25	20	17	12	-	-	12	603	1402
1930	37	25	11	18	-	-	-	768	1376
1931	44	17	-	-	4	-	-	732	1189
1932	47	24	31	23	-	-	-	770	1072
1933	39	17	34	24	-	-	20	885	1169
1934	23	7	10	15	-	-	-	901	1284
1935	25	10	31	22	21	-	3	613	1300
1936	17	24	-	-	-	-	-	760	1417
1937	35	10	29	17	30	-	-	897	1385
1938	37	14	151	25	-	-	30	932	1501
10 Yr. Ave.	33	17	31	22	6	0	6	786	1310

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	121	3333	1	1461	8	-	-
1930	70	3285	57	1486	5	12	-
1931	71	3120	12	1373	4	-	-
1932	69	2934	2	1326	-	-	-
1933	52	2956	13	1290	2	9	-
1934	64	3090	15	1379	2	12	1818
1935	46	3282	108	1282	5	27	225
1936	64	3076	23	1265	6	16	678
1937	57	2963	33	1230	-	24	42
1938	29	3075	23	1217	2	55	220
10 Yr. Ave.	64	3111	29	1331	3	16	298

10 Yr. Ave. Acres - Rye 17
Popcorn .6 Flaxseed 0
(Acreages also shown in "All Other Crops")

* Included in "All Tame Hay".

Source: Iowa Department of Agriculture. Division of Agricultural Statistics.

TABLE 12
LAND UTILIZATION AND YIELDS

Harrison Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	145	23140	160	8783	42	6404	37	19	24	108	36
1930	142	23123	163	8923	28	6484	38	10	16	17	27
1931	151	22996	152	9184	37	6054	32	14	22	52	24
1932	145	23040	159	9276	42	6294	32	9	19	150	14
1933	153	23070	151	9410	50	6298	23	11	18	170	19
1934	148	21155	143	7107	26	5607	8	16	5	10	9
1935	144	20931	145	7489	38	6222	30	6	17	70	25
1936	140	21188	151	8529	23	5243	27	17	16	4	20
1937	140	20782	148	8724	51	5311	49	26	32	11	43
1938	138	19993	145	7926	53	5176	32	12	8	67	14
10 Yr. Ave.	145	21942	152	8535	40	5909	31	14	19	66	22

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	36	17	5	12	-	10	-	86	740
1930	40	19	-	-	-	-	-	101	812
1931	20	17	-	-	40	-	20	145	654
1932	21	14	-	-	-	12	-	197	742
1933	43	13	5	12	-	-	-	236	941
1934	40	7	40	9	-	-	-	265	1087
1935	72	6	35	19	-	-	5	208	922
1936	7	16	-	-	-	-	-	332	972
1937	20	6	20	10	-	-	-	365	892
1938	-	-	46	15	-	-	-	397	968
10 Yr. Ave.	30	12	15	13	4	2	2	233	873

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	455	5089	21	1380	-	100	-
1930	384	5049	22	1250	-	132	-
1931	345	5221	24	1256	12	100	-
1932	363	4730	29	1292	19	115	-
1933	367	4413	57	1224	26	105	-
1934	254	4451	50	1155	-	31	1307
1935	308	4197	116	1168	8	29	284
1936	278	4299	40	1187	64	16	532
1937	234	4149	106	1151	3	11	124
1938	221	4235	59	1188	-	6	89
10 Yr. Ave.	321	4583	52	1225	13	64	234

10 Yr. Ave. Acres - Rye 8
Popcorn 0 Flaxseed 3
(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 13
LAND UTILIZATION AND YIELDS Jackson Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	164	23359	142	10037	40	6951	36	4	30	116	20
1930	166	23305	140	10444	28	6587	40	50	30	16	23
1931	171	23281	136	10377	43	6638	40	143	29	-	-
1932	162	23214	143	10506	44	6334	38	120	2	20	20
1933	164	23283	142	10240	50	7064	27	26	27	5	23
1934	160	23150	145	8532	21	6215	6	144	10	-	-
1935	160	23400	146	9044	42	6910	36	17	14	48	28
1936	162	23305	144	9990	24	5720	32	35	26	42	27
1937	164	23350	142	9993	56	5988	55	168	18	25	42
1938	165	23329	141	9156	55	5866	30	45	21	75	26
10 Yr. Ave.	164	23298	142	9832	41	6427	34	75	16	35	25

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo. Acres *	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	6	25	33	22	-	-	-	260	922
1930	10	20	34	14	-	-	-	320	884
1931	25	19	87	24	-	-	-	346	824
1932	13	17	53	27	-	-	35	363	973
1933	16	19	74	31	-	-	-	389	1056
1934	19	10	104	13	-	-	-	362	1663
1935	32	8	294	16	-	-	-	339	1199
1936	3	17	124	9	-	-	9	423	1185
1937	9	7	172	23	-	-	20	630	1272
1938	-	-	419	24	-	5	50	651	1338
10 Yr. Ave.	13	14	139	20	0	.5	11	408	1132

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	161	3760	55	1146	-	98	70
1930	167	3668	16	1280	-	91	58
1931	103	3696	46	1214	-	62	66
1932	122	3662	40	1205	-	122	9
1933	127	3338	76	1182	-	62	17
1934	107	4288	68	1176	-	94	740
1935	134	3834	277	1180	-	64	367
1936	99	4072	175	1186	1	42	622
1937	124	3846	183	1247	50	21	232
1938	105	4099	125	1293	-	164	594
10 Yr. Ave.	125	3826	106	1211	5	82	278

10 Yr. Ave. Acres - Rye 19
Popcorn 4 Flaxseed 2
(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".
Source: Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 14

LAND UTILIZATION AND YIELDS — Marcy Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	182	25283	139	10377	38	5802	39	20	30	159	30
1930	179	25234	141	10274	29	5954	36	37	29	93	30
1931	184	25168	137	10628	37	6209	34	9	18	138	27
1932	177	25394	143	10638	44	6157	38	39	18	132	24
1933	192	25402	132	10101	49	6291	30	25	16	222	20
1934	189	25226	133	8549	16	5077	6	33	8	134	4
1935	179	25241	141	9340	40	6572	33	26	14	168	24
1936	172	25273	147	9935	25	5582	33	43	23	121	24
1937	186	25222	136	10080	57	5825	51	113	20	99	30
1938	182	24723	136	9323	55	5797	32	11	17	139	29
10 Yr. Ave.	182	25217	138	9930	40	5927	34	36	20	140	24

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	16	24	-	-	-	-	-	481	1514
1930	-	-	-	-	-	-	-	358	1305
1931	-	-	-	-	-	-	-	358	1013
1932	8	24	-	-	-	-	-	375	1095
1933	2	36	10	25	-	-	-	515	1247
1934	10	6	26	6	-	35	-	595	1739
1935	29	4	103	16	42	-	-	393	1284
1936	8	17	45	14	6	-	-	577	1297
1937	10	15	109	18	-	5	5	746	1416
1938	46	10	114	22	4	11	-	596	1513
10 Yr. Ave.	13	12	41	18	5	5	.5	499	1342

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	153	5534	9	1155	449	95	-
1930	115	6203	15	994	50	194	-
1931	102	5612	41	1045	256	115	-
1932	141	5403	28	1236	263	204	-
1933	136	5760	41	1204	31	332	-
1934	160	6216	138	1291	230	251	1372
1935	160	5687	125	1292	143	96	174
1936	107	5917	29	1207	115	80	781
1937	120	5689	69	1367	2	71	247
1938	110	4199	1285	1415	82	113	572
10 Yr. Ave.	130	5622	178	1221	162	155	315

10 Yr. Ave. Acres - Rye 16
Popcorn 1 Flaxseed 5
(Acreages also shown in "All Other Crops")

* Included in "All Tame Hay".
Source: Iowa Department of Agriculture. Division of Agriculture Statistics.

TABLE 15
LAND UTILIZATION AND YIELDS

Peoples Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	160	23130	145	9715	45	6152	43	39	26	163	38
1930	162	23126	143	9943	29	6190	39	17	24	176	37
1931	159	23131	145	10228	42	6018	39	20	23	214	33
1932	157	23120	147	10243	49	6141	39	51	24	183	31
1933	158	23119	146	9856	52	6504	35	59	18	152	32
1934	155	23120	149	8229	11	5192	5	122	6	86	4
1935	155	23122	149	8817	44	6632	38	35	15	138	35
1936	147	23132	157	9819	24	5366	40	74	26	300	31
1937	144	23129	161	9960	59	5949	54	202	20	183	38
1938	144	23130	161	9238	45	5888	38	155	14	180	31
10 Yr. Ave.	154	23126	150	9605	42	6003	37	77	18	178	32

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres	Sweet Clover Acres*	Alfalfa Acres *	All Tame Hay Acres
1929	-	-	35	14	-	62	-	516	1443
1930	4	18	21	8	20	-	-	558	1452
1931	5	5	27	18	-	-	-	492	1206
1932	-	-	10	12	1	-	-	499	1338
1933	18	21	16	20	-	54	-	666	1512
1934	11	7	36	8	-	-	11	727	1760
1935	9	12	61	16	37	-	-	510	1851
1936	8	19	5	20	-	63	-	857	1734
1937	6	11	31	12	-	7	-	864	1570
1938	-	-	150	23	24	273	-	751	1895
10 Yr. Ave.	6	15	39	17	8	46	1	644	1576

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Feed Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	114	3972	75	1364	25	7	26
1930	108	3776	50	1315	26	28	-
1931	88	3853	86	1338	36	32	-
1932	66	3710	13	1317	23	24	-
1933	68	3441	99	1330	25	21	18
1934	59	4930	177	1329	51	40	1087
1935	52	3494	205	1371	37	19	364
1936	59	3845	59	1394	-	5	455
1937	41	3535	160	1443	-	15	34
1938	40	3744	31	1453	7	2	323
10 Yr. Ave.	70	3828	96	1365	23	19	231

10 Yr. Ave. Acres - Rye 27
Popcorn 0 Flaxseed 3
(Acreages also shown in "All Other Crops")

* Included in "All Tame Hay".
Source: Iowa Department of Agriculture. Division of Agricultural Statistics.

TABLE 16
LAND UTILIZATION AND YIELDS — Pilot Mound Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN Acres	CORN Ave. Yld.	OATS Acres	OATS Ave. Yld.	WIN. WHEAT Acres	WIN. WHEAT Ave. Yld.	BARLEY Acres	BARLEY Ave. Yld.
1929	80	12968	162	4552	40	2868	39	12	21	95	23
1930	81	13048	161	4715	29	3193	37	22	14	27	32
1931	83	12763	154	4873	35	2916	33	-	-	13	30
1932	83	13536	163	4914	42	3301	33	2	15	23	18
1933	80	12835	160	4669	51	3207	21	-	-	75	17
1934	83	12925	156	3867	28	2813	10	19	13	90	10
1935	83	12867	155	4053	38	3188	36	46	13	71	23
1936	79	13439	170	4445	24	2901	29	30	23	-	-
1937	79	13293	168	4725	53	3017	51	73	24	7	43
1938	79	13099	166	4342	54	2927	36	20	12	30	33
10 Yr. Ave.	81	13077	161	4516	40	3033	33	22	18	43	21

Year	SPRING WHEAT Acres	SPRING WHEAT Ave. Yld.	SOYBEANS Acres	SOYBEANS Ave. Yld.	GRASS SEED Timothy Acres	GRASS SEED Red & Als.Clo. Acres *	GRASS SEED Sweet Clover Acres	TAME HAY Alfalfa Acres*	TAME HAY All Tame Hay Acres
1929	-	-	-	-	-	-	-	259	720
1930	-	-	-	-	-	-	-	227	657
1931	9	18	-	-	-	-	-	257	596
1932	3	22	-	-	-	-	-	269	592
1933	5	13	-	-	-	-	10	272	583
1934	10	11	-	-	-	-	-	261	703
1935	96	8	-	-	-	-	-	196	634
1936	77	9	5	10	-	-	-	289	726
1937	20	12	65	26	-	20	-	387	709
1938	39	9	63	22	-	-	8	403	810
10 Yr. Ave.	26	10	13	23	0	2	2	282	673

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	230	3886	54	516	20	15	-
1930	152	3699	37	522	10	14	-
1931	165	3577	30	482	25	63	14
1932	171	4077	34	395	-	17	7
1933	174	3596	16	428	3	65	4
1934	166	3701	37	527	43	12	937
1935	194	3781	142	533	79	13	37
1936	190	4159	51	525	-	20	310
1937	179	3865	23	520	-	63	27
1938	148	4015	12	529	-	65	91
10 Yr. Ave.	177	3836	44	498	18	35	143

10 Yr. Ave. Acres - Rye 19
Popcorn 2 Flaxseed 0
(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 17
LAND UTILIZATION AND YIELDS — Union Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	158	21920	139	9658	42	5246	43	201	30	45	32
1930	157	21446	137	9382	27	5303	43	282	28	75	25
1931	151	21663	143	9800	38	5286	37	153	25	21	38
1932	157	21776	139	10469	48	5096	43	33	22	34	30
1933	153	21263	139	9724	50	5494	35	43	16	134	24
1934	153	21647	141	7860	17	4179	8	150	9	34	6
1935	154	21641	141	8278	41	5827	35	78	18	124	29
1936	146	21008	144	8626	22	4633	37	95	32	31	40
1937	150	21252	142	8982	56	4695	51	178	17	100	31
1938	157	22309	142	8973	55	4806	38	60	19	109	28
10 Yr. Ave.	154	21592	141	9175	41	5056	38	127	23	71	28

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	-	-	320	722
1930	-	-	6	20	-	-	-	261	604
1931	-	-	-	-	-	-	-	335	621
1932	5	18	26	9	-	-	-	366	796
1933	9	21	18	27	-	-	-	424	745
1934	3	3	15	6	-	-	-	458	1029
1935	-	-	52	16	5	-	50	392	1156
1936	12	17	20	18	-	-	-	443	828
1937	-	-	8	25	-	-	-	616	961
1938	-	-	248	22	-	-	22	527	1363
10 Yr. Ave.	3	17	39	20	.5	0	7	414	882

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	52	4261	348	1177	37	150	23
1930	90	4179	299	1128	-	98	-
1931	77	4073	323	1221	5	83	-
1932	72	3915	10	1179	-	138	3
1933	61	3725	53	1107	2	148	-
1934	51	4391	224	1207	8	275	2221
1935	27	4158	344	1230	80	165	67
1936	68	4223	244	1213	123	177	715
1937	42	4440	224	1193	-	151	278
1938	49	4598	219	1239	-	227	396
10 Yr. Ave.	59	4196	229	1189	26	161	370

10 Yr. Ave. Acres - Rye 24
Popcorn 1 Flaxseed 4
(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 18
LAND UTILIZATION AND YIELDS

Worth Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	103	15693	152	5627	41	3302	40	24	24	207	26
1930	101	15192	150	5524	29	3618	39	20	29	175	27
1931	101	15010	149	5664	39	3381	42	22	28	106	32
1932	106	15243	144	5456	44	3536	38	33	18	63	28
1933	103	14878	144	5380	48	3663	29	60	23	92	19
1934	104	15024	144	4695	13	2218	5	60	11	47	2
1935	100	15179	152	4630	38	3464	32	16	13	166	18
1936	94	15135	161	5337	24	2854	35	54	20	37	8
1937	108	15443	143	5234	56	3288	56	92	25	53	27
1938	110	15420	140	4853	49	3045	28	111	21	44	19
10 Yr. Ave.	103	15222	148	5240	40	3237	35	49	21	100	23

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo. Acres*	Sweet Clover Acres	Alfalfa Acres *	All Tame Hay Acres
1929	17	12	-	-	-	-	-	184	448
1930	6	22	-	-	-	-	-	196	442
1931	10	20	2	12	-	-	-	214	367
1932	-	-	-	-	-	-	-	314	600
1933	10	25	-	-	-	11	94	199	435
1934	-	-	13	12	-	-	-	221	671
1935	23	7	25	17	-	-	26	284	801
1936	-	-	-	-	-	19	20	285	669
1937	-	-	6	17	-	72	51	422	807
1938	-	-	48	16	-	130	33	391	988
10 Yr. Ave.	7	14	9	16	Θ	23	22	271	623

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	28	5410	-	583	47	-	-
1930	18	4764	4	621	-	-	-
1931	25	4726	17	590	-	-	100
1932	19	4897	5	629	-	-	-
1933	18	4487	14	625	-	-	-
1934	11	5644	13	627	-	-	1025
1935	10	5158	78	635	-	40	107
1936	6	4952	22	595	-	-	589
1937	15	4877	33	696	42	85	164
1938	18	5124	-	716	14	155	271
10 Yr. Ave.	17	5004	19	632	10	28	226

10 Yr. Ave. Acres - Rye 15
Popcorn .5 Flaxseed .6
(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".
Source: Iowa Department of Agriculture.
Division of Agricultural Statistics.

TABLE 19
LAND UTILIZATION AND YIELDS Yell Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave Yld
1929	124	19606	158	6319	41	3923	33	62	21	41	27
1930	122	19507	160	6225	32	4185	31	32	19	24	17
1931	120	19612	163	6414	34	3320	30	41	15	11	35
1932	119	19748	166	6550	42	3953	30	14	14	51	18
1933	119	20308	171	5786	43	3466	27	-	-	111	18
1934	114	19829	174	5398	20	3123	8	-	-	38	11
1935	120	19417	162	5336	37	3272	32	18	8	115	22
1936	131	20249	155	6216	23	4015	24	-	-	-	-
1937	127	20055	158	6241	50	3675	48	7	23	24	50
1938	114	18753	164	5557	50	3438	35	54	10	54	29
10 Yr. Ave.	121	19708	163	6004	38	3637	30	23	16	47	22

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	5	8	-	-	-	350	869
1930	-	-	5	25	-	-	-	330	908
1931	-	-	-	-	-	-	-	245	701
1932	-	-	15	8	10	-	-	222	545
1933	-	-	-	-	10	-	-	398	752
1934	4	11	-	-	-	-	-	537	919
1935	3	8	14	21	10	-	3	338	864
1936	-	-	-	-	-	-	-	841	1591
1937	6	33	-	-	29	5	-	724	1151
1938	-	-	39	15	-	82	-	489	1067
10 Yr. Ave.	1	21	8	15	6	9	.3	447	937

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	338	6361	-	878	632	160	18
1930	299	6195	-	968	353	214	99
1931	288	6222	10	1105	970	320	10
1932	217	6783	-	978	354	216	62
1933	158	8408	16	792	401	213	195
1934	134	7513	10	947	566	461	716
1935	142	7483	35	901	506	471	244
1936	199	6902	-	975	266	66	19
1937	184	7171	-	987	364	120	96
1938	171	6469	73	917	499	269	146
10 Yr. Ave.	213	6951	14	945	491	271	160

10 Yr. Ave. Acres-Rye 6
Popcorn 2 Flaxseed 0
(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".
Source: Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 20

LAND UTILIZATION AND YIELDS

[27]Total Incorporated Town Data - Beaver, Berkley, Boone, Boxholm, Fraser, Luther, Madrid, Ogden, Pilot Mound

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	133	3912	29	1524	39	624	41	-	-	-	-
1930	137	4003	29	1494	30	804	38	-	-	6	20
1931	136	3944	29	1604	38	542	36	-	-	-	-
1932	148	4178	28	1595	42	704	38	-	-	-	-
1933	118	4164	35	1724	45	622	27	5	20	-	-
1934	137	4104	30	1409	20	381	10	9	11	3	15
1935	129	4062	32	1422	40	612	34	-	-	5	25
1936	110	2959	27	1164	25	443	29	-	-	-	-
1937	109	3053	28	1310	53	424	48	-	-	31	23
1938	107	3138	29	1223	50	534	37	-	-	30	25
10 Yr. Ave.	126	3752	30	1447	39	569	35	1	14	8	23

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres*	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	-	-	158	201
1930	-	-	-	-	-	-	-	154	201
1931	15	20	-	-	-	-	-	125	196
1932	-	-	-	-	-	-	-	138	245
1933	-	-	-	-	-	-	-	181	259
1934	-	-	-	-	-	-	-	191	352
1935	-	-	-	-	-	-	-	152	333
1936	-	-	-	-	-	-	-	126	201
1937	-	-	-	-	-	-	-	144	212
1938	-	-	49	20	3	-	-	129	202
10 Yr. Ave.	2	20	5	20	.3	0	-	150	240

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	88	1240	25	200	10	-	-
1930	30	1230	49	179	-	10	-
1931	12	1287	35	239	5	9	-
1932	13	1207	71	289	44	4	6
1933	24	1226	31	224	-	36	13
1934	17	1364	50	236	-	23	260
1935	6	1212	85	253	18	57	59
1936	16	783	34	213	17	6	82
1937	18	747	28	229	-	17	37
1938	19	759	44	217	3	7	48
10 Yr. Ave.	24	1106	45	228	10	17	50

10 Yr. Ave. Acres - Rye 1 Popcorn 2 Flaxseed 0
(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture Division of Agricultural Statistics.

TABLE 21
COUNTY LIVESTOCK NUMBERS
January 1

Year	All Cattle*	Milk Cows	Horses	Mules	Sheep	Hogs
1870	10,557	3,894	4,269	331	-	21,940
1880	32,726	11,007	9,853	566	1,313	55,133
1890	49,395	14,859	14,374	513	1,000	74,392
1900	45,983	15,269	14,973	464	2,478	67,812
1910	38,674	12,913	16,498	430	1,693	42,961
1920	37,958	11,422	15,121	918	4,535	70,157
1925	40,089	12,212	13,642	1,233	2,692	89,965
1930	35,921	13,376	11,777	984	4,641	81,459
1935	44,171	15,227	9,489	922	6,056	58,225
1936	44,573	14,661	8,818	917	5,357	65,714
1937	42,321	14,194	8,644	845	5,908	55,717
1938	44,382	13,800	8,236	778	7,641	68,127
1939	44,382	13,469	7,627	727	6,445	74,662

The figures in this table for the years 1870-1935 inclusive have been derived from the Federal Censuses for Iowa. These enumerations have been made as of different dates. Some enumerations were for a base date of January 1, others for a base date of April 1, and others for June 1.

The census enumerations made in 1920, 1925 and 1935 were for January 1. For comparability the enumerations made for the base dates of April 1 and June 1 were adjusted to an equivalent of January 1 base. This adjustment procedure places the livestock data of the above table on the one inventory date of January 1.

The figures for 1936, 1937, 1938 and 1939 for all cattle and milk cows are estimates of the Division of Agricultural Statistics of the Iowa Department of Agriculture and those for horses, mules, hogs and sheep are adjusted State farm assessors' figures.

The adjusted county figures for horses, mules, hogs and sheep for the last four years in the table are more nearly accurate than those in Table 22 and comparison with these figures will provide an estimate of the bias displayed by the unadjusted State farm assessors' figures.

*Includes Milk Cows.

TABLE 22
LIVESTOCK NUMBERS
By Townships

Township	1936					1937				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Amaqua	544	75	3040	257	3463	555	66	2843	300	3380
Beaver	476	14	2808	178	3915	434	23	2331	222	3451
Cass	187	49	1153	236	1641	207	31	1377	321	1517
Colfax	538	74	2200	792	3166	519	50	2175	849	2849
Des Moines	404	27	2305	103	2957	500	47	2385	197	2959
Dodge	795	51	3249	110	4890	728	64	2994	189	4372
Douglas	223	7	763	131	658	236	21	769	65	905
Garden	485	74	2587	103	2945	468	58	2312	102	3703
Grant	472	62	3338	28	3935	441	62	3114	27	3679
Harrison	603	43	2351	122	3475	589	36	2251	452	3317
Jackson	613	41	2330	341	3797	597	26	2337	165	3466
Marcy	616	52	2686	274	3576	524	42	2345	252	3379
Peoples	576	39	3600	156	4808	570	44	3374	107	4783
Pilot Mound	315	30	1394	61	1635	279	22	1138	9	1246
Union	589	47	2422	343	3045	509	42	2138	369	2331
Worth	356	32	1383	119	1994	350	27	1412	139	1901
Yell	300	31	1168	126	900	294	33	1349	101	871
ALL TOWNS	90	5	377	-	365	74	8	250	-	418
COUNTY	8182	753	39154	3480	51160	7874	702	36894	3866	48527
	1938					1939				
Amaqua	526	53	3395	596	3626	477	48	3282	1173	4191
Beaver	431	23	2544	163	3703	417	20	2455	321	3551
Cass	183	32	1020	506	1175	181	37	1119	174	1458
Colfax	504	44	2437	947	2824	434	43	2267	356	3389
Des Moines	487	49	2562	114	2783	456	52	2521	81	3610
Dodge	685	60	3022	243	4434	610	57	3030	276	5239
Douglas	235	21	959	184	1031	189	20	976	73	1139
Garden	457	66	2582	110	3953	448	55	2511	249	4656
Grant	428	50	3566	5	4110	383	45	3478	-	4002
Harrison	538	23	2222	174	4180	460	24	2206	136	4584
Jackson	551	30	2366	316	3503	482	19	2329	259	4084
Marcy	517	41	2742	224	3099	446	42	2746	116	3756
Peoples	541	41	3610	873	4517	525	36	4429	529	5610
Pilot Mound	277	20	1335	11	1404	275	14	1186	19	1355
Union	486	38	2355	425	2167	458	35	2649	512	3264
Worth	346	36	1546	356	1898	346	30	1619	229	2505
Yell	304	26	1483	61	699	375	32	1943	124	2652
ALL TOWNS	74	2	272	-	432	72	12	387	6	398
COUNTY	7570	661	40018	5308	49538	7039	621	41133	4633	59443

The statistics in this table are biased downward. They are printed only to permit inter-township and inter-annual comparisons. Unless townships are equal in size, comparisons may not be directly made. It is assumed that individual assessors are subject to approximately the same bias. Compare Table 21 for magnitude of the bias.

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 23
CREAMERY STATISTICS
1905-1938

Year	Number of Creameries In County	Butter Made	Butter Sold In Iowa	Butter Sold Out of Iowa
		Thousand Pounds	Thousand Pounds	Thousand Pounds
1905	2	180	21	159
1906	2	188	18	*
1907	1	27	4	*
1908	3	375	4	*
1909	4	291	28	*
1910	4	275	50	*
1911	3	239	77	*
1912	3	251	105	146
1913	4	295	89	205
1914	2	286	152	134
1915	3	305	130	174
1916	3	296	193	103
1917	3	217	134	83
1918	1	*	6	36
1919	1	40	218	233
1920	2	74	6	39
1921	2	115	77	39
1922	2	180	128	52
1923	2	204	141	63
1924	3	116	44	72
1925	3	322	250	70
1926	3	373	275	66
1927	2	385	222	158
1928	3	508	315	185
1929	4	1,000	436	561
1930	4	1,216	599	616
1931	4	1,517	796	688
1932	4	1,576	858	706
1933	4	1,722	1,145	576
1934	4	1,517	1,077	437
1935	4	1,217	884	328
1936	4	1,096	938	158
1937	4	1,089	796	293
1938	3	1,193	908	285
1939	*	*	*	*

The sum of the two columns "Butter Sold In Iowa" and "Butter Sold Out of Iowa" is not intended to equal the second column "Butter Made", because stocks of butter on hand at the end of the year and butter used for miscellaneous purposes are not included in this table.

*Not given in source. Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 24
CHICKENS AND EGGS
1880-1935

Year	Chickens	Eggs Produced
	Number	Dozen
1880	90,800	347,311
1885	128,029	351,504
1890	250,857	954,404
1895	227,409	816,137
1900	250,435	1,307,300
1905	375,934	1,036,995
1910	360,506	1,312,173
1915	369,343	1,494,050
1920	343,155	1,459,890
1925	379,239	1,666,376
1930	372,764	2,140,659
1935	320,171	1,767,947

Source: U.S. Agricultural Census.
Iowa Agricultural Census.

TABLE 25
NUMBER OF FARMS REPORTING SPECIFIED ITEMS

Year	Number of Farms	GRAIN CROPS								
		Corn	Oats	Winter Wheat	Spring Wheat	Barley	Rye	Buck-wheat	Soy-beans	Flax-seed
1930	2472	2300	2048	51	45	134	5	0	18	1
1932	2433	2288	1976	50	34	100	9	0	31	1
1934	2452	2272	1698	71	40	73	25	4	54	5
1936	2400	2247	1934	67	29	67	73	1/	63	6
1938	2404	2266	1994	78	14	84	33	1/	219	0
Average	2432	2275	1930	63	32	92	29	1	77	3

Year	HAY CROPS									
	Pop-corn	Clover and Timothy	Alfalfa	Soy-bean	Grain Cut Green	Clover	Timothy	Sudan Grass	Other Tame Hay	Wild Hay
1930	1	428	1011	48	1/	129	271	15	131	340
1932	6	225	1004	115	123	108	226	84	265	303
1934	0	147	1138	334	302	108	76	157	605	283
1936	4	494	1146	479	159	1/	1/	1/	160	270
1938	7	460	1260	774	97	1/	1/	1/	190	243
Average	4	351	1112	350	170	115	191	85	270	288

Year	GRASS SEED			All Pasture	LIVESTOCK					Sows for Spring Farrow
	Timothy	Red & Alsike Clover	Sweet Clover		Horses	Mules	Cattle	Sheep	Hogs	
1930	2	4	3	2332	1/	1/	1/	1/	1/	1730
1932	2	10	11	2296	1/	1/	1/	1/	1/	1787
1934	0	2	5	2313	1/	1/	1/	1/	1/	1494
1936	4	21	18	2206	1924	310	2116	192	1883	1518
1938	8	73	60	2230	1959	282	2195	202	1887	1674
Average	3	22	19	2275	1942	296	2156	197	1885	1641

Year	EQUIPMENT				MISCELLANEOUS					Other Crops
	Trac-tors	Trucks	Autos	Radios	Pota-toes	Apples	Timber and Wood	Waste-land	Idle Crop Land	
1930	701	428	2046	1191	165	40	36	211	9	92
1932	612	321	2014	873	104	177	55	179	18	54
1934	688	310	2026	1130	140	39	67	206	1313	187
1936	1000	298	2041	1725	355	109	34	189	603	177
1938	1367	371	2131	1916	1/	1/	33	217	415	259
Average	874	346	2052	1367	191	91	45	200	472	154

1/ Not given in source.

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 26
FARM AND LAND TENURE

Year	OWNERS				PART-OWNERS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	818	33.2	97,228	27.8	297	12.1	55,491	15.9
1930	839	33.9	94,140	27.0	308	12.5	56,550	16.2
1932	822	33.8	96,829	27.8	304	12.5	56,637	16.3
1934	814	33.2	92,278	26.5	291	11.9	55,471	16.0
1936	813	33.9	93,477	27.0	325	13.5	63,068	18.2
1938	901	37.5	107,986	31.2	312	13.0	61,363	17.7
1928-38 Average	834	34.2	96,990	27.9	306	12.6	58,096	16.7

Year	TENANTS				TOTALS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	1,349	54.7	196,679	56.3	2,464	100.0	349,398	100.0
1930	1,325	53.6	197,840	56.8	2,472	100.0	348,530	100.0
1932	1,307	53.7	194,735	55.9	2,433	100.0	348,201	100.0
1934	1,347	54.9	199,755	57.5	2,452	100.0	347,504	100.0
1936	1,262	52.6	189,510	54.8	2,400	100.0	346,055	100.0
1938	1,191	49.5	176,948	51.1	2,404	100.0	346,297	100.0
1928-38 Average	1,297	53.2	192,578	55.4	2,437	100.0	347,664	100.0

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 27
YEARS OF TENURE
January 1, 1935

Owners	Boone County		State of Iowa	
	Number of Farms	Percent of County Total	Number of Farms	Percent of State Total
On present farm less than 1 year	52	6.0	4,442	5.2
1 year	23	2.7	3,198	3.8
2 years	26	3.0	3,282	3.8
3 years	32	3.7	2,857	3.4
4 years	37	4.3	3,228	3.8
5-9 years	115	13.3	11,726	13.8
10-14 years	111	12.9	11,279	13.2
15 years and over	466	54.1	45,076	53.0
TOTALS	862	100.0	85,088	100.0
Tenants				
On present farm less than 1 year	229	18.1	21,763	20.1
1 year	143	11.3	15,053	13.9
2 years	121	9.6	11,555	10.7
3 years	76	6.0	8,285	7.7
4 years	79	6.3	7,564	7.0
5 years and over	614	48.7	43,826	40.6
TOTALS	1,262	100.0	108,046	100.0

Source: U.S. Agricultural Census.

TABLE 28

FREQUENCY DISTRIBUTION OF FARMS BY SIZE CLASSES

Acres in Farms	Number of Farms											
	1928		1930		1932		1934		1936		1938	
	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total
0- 9	63	2.56	74	2.99	79	3.25	76	3.10	66	2.75	60	2.50
10- 29	116	4.71	135	5.46	116	4.77	144	5.87	131	5.46	136	5.66
30- 49	114	4.63	112	4.53	102	4.19	93	3.79	98	4.08	103	4.29
50- 69	76	3.08	72	2.91	87	3.58	89	3.63	72	3.00	76	3.16
70-109	552	22.40	516	20.88	493	20.26	518	21.13	505	21.04	516	21.46
110-149	448	18.18	464	18.77	461	18.95	448	18.27	438	18.25	420	17.47
150-189	564	22.89	591	23.91	574	23.59	550	22.43	571	23.79	576	23.96
190-229	206	8.36	188	7.61	195	8.02	194	7.91	186	7.75	189	7.86
230-269	161	6.53	160	6.47	148	6.08	163	6.65	155	6.46	154	6.41
270-309	59	2.40	71	2.87	66	2.71	70	2.86	70	2.92	65	2.70
310-349	63	2.56	45	1.82	58	2.38	58	2.37	49	2.04	49	2.04
350-389	13	.53	13	.53	15	.62	17	.70	23	.96	22	.92
390-429	12	.49	11	.45	19	.78	14	.57	16	.67	15	.62
430-469	4	.16	8	.32	6	.25	5	.20	8	.33	7	.29
470-509	2	.08	3	.12	7	.29	5	.20	3	.13	6	.25
510-549	2	.08	1	.04	1	.04	2	.08	2	.08	2	.08
550-589	3	.12	2	.08	1	.04	1	.04	3	.13	3	.13
590-629	0	0	3	.12	1	.04	1	.04	0	0	2	.08
630-669	3	.12	2	.08	2	.08	1	.04	2	.08	1	.04
670-709	0	0	0	0	1	.04	1	.04	0	0	0	0
710-over	3	.12	1	.04	1	.04	2	.08	2	.08	2	.08
Total Farms	2464	100.00	2472	100.00	2433	100.00	2452	100.00	2400	100.00	2404	100.00

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 29
AUTOS, TRUCKS, TRACTORS AND RADIOS
1926-1939

Year	Automobiles	Trucks	Tractors	Radios
1926	2,437	276	498	445
1927	2,356	322	508	695
1928	2,460	369	542	805
1929	2,427	439	610	980
1930	2,537	479	717	1,235
1931	2,427	433	726	1,245
1932	2,367	437	683	1,224
1933	2,214	324	637	880
1934	2,273	320	594	1,024
1935	2,348	313	723	1,139
1936	2,271	303	846	1,326
1937	2,276	310	1,036	1,750
1938	2,259	295	1,289	1,870
1939	2,339	286	1,467	1,916

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 30
ACREAGE OWNED BY CORPORATIONS
January 1, 1937

Township	Insurance Companies	Banks	Land & Mortgage Companies	Federal Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corporate Owned
Garden	1353	-	-	-	-	160	1513	6.74
Douglas	225	10	805	-	351	-	1391	13.49
Cass	144	20	983	-	-	57	1204	11.52
Peoples	80	220	-	-	-	-	300	1.29
Union	400	237	246	180	-	-	1063	4.56
Colfax	800	888	-	-	-	80	1768	8.27
Worth	1050	160	431	-	-	-	1641	10.46
Marcy	480	447	1506	-	-	131	2564	10.01
Beaver	239	-	326	-	-	290	855	3.88
Jackson	528	261	-	-	-	-	789	3.38
Des Moines	190	438	366	140	116	220	1470	6.88
Yell	392	190	1725	-	-	233	2540	13.96
Amoqua	403	339	-	-	-	-	742	3.09
Harrison	456	419	-	80	160	-	1115	4.84
Dodge	1020	-	588	-	-	160	1768	6.17
Pilot Mound	334	60	1556	-	-	98	2048	16.22
Grant	874	-	40	160	-	-	1074	4.58
County Total	8968	3689	8572	560	627	1429	23845	6.83

Source: Department of Economics and Sociology, Iowa State College.

TABLE 31
ACREAGE OWNED BY CORPORATIONS
January 1, 1939

Township	Insurance Companies	Banks	Land & Mortgage Companies	Federal Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corporate Owned
Garden	1613	-	-	-	-	624	2237	9.96
Douglas	316	-	805	-	315	-	1436	13.93
Cass	224	-	983	-	-	57	1264	12.09
Peoples	80	80	-	-	-	-	160	.69
Union	400	237	86	180	-	-	903	3.87
Colfax	950	596	-	-	-	80	1626	7.60
Worth	1128	-	401	-	-	-	1529	9.75
Marcy	425	277	1506	-	-	-	2208	8.62
Beaver	319	-	326	-	-	290	935	4.24
Jackson	252	-	-	-	-	-	252	1.08
Des Moines	150	258	366	140	-	380	1294	6.06
Yell	-	190	1725	-	-	188	2103	11.55
Amoqua	443	125	240	-	40	-	848	3.33
Harrison	886	270	-	80	-	-	1236	5.36
Dodge	1020	80	440	-	-	308	1848	6.45
Pilot Mound	334	60	1596	-	-	125	2115	16.75
Grant	677	-	40	-	-	-	717	3.06
County Total	9217	2173	8514	400	355	2052	22711	6.60

Source: Department of Economics and Sociology, Iowa State College.

TABLE 32
VALUE OF FARM LAND AND BUILDINGS
1880-1935

Year	Number of Farms*	Number of Acres*	Value of Land	Value of Buildings	Value of Land and Buildings	Value of Land & Bldgs.	
						Per Acre	Per Farm
1880	2,340	292,575	$ -	$ -	$ 6,144,804	$ 21.00	$ 2,626
1890	2,451	321,130	-	-	8,566,830	26.68	3,495
1900	2,670	349,930	13,481,850	2,495,340	15,977,190	45.66	5,984
1910	2,581	341,376	31,544,092	4,893,133	36,437,225	106.74	14,117
1920	2,541	340,844	83,832,488	9,160,684	92,993,172	272.83	36,597
1925	2,514	348,704	52,570,353	9,884,765	62,455,118	179.11	24,843
1930	2,546	349,230	41,797,032	11,306,413	53,103,445	152.06	20,858
1935	2,567	345,502	-	-	31,388,508	90.85	12,228

*Differences in numbers of farms and acres reported in this table and in other tables in this bulletin are due to differences in sources of data.

Source: U.S. Agricultural Census.

TABLE 33
REAL PROPERTY AND MONEYS AND CREDITS TAXES
COLLECTIBLE IN 1939, FOR ALL PURPOSES
(Exclusive of Special Assessments)

	Cities and Towns	Rural Districts	Total for County
General State Tax	$ 15,495.49	$ 48,635.75	$ 64,131.24
Soldiers' Bonus Tax	4,904.58	8,886.22	13,790.80
General County Tax	11,582.47	36,353.94	47,936.41
Court Expense Tax	3,834.68	12,036.05	15,870.73
Poor Tax	11,582.46	36,353.77	47,936.23
Insane Tax, State Hospital	-	-	-
Insane Tax, County Hospital	2,895.58	9,088.46	11,984.04
County School Tax	1,956.47	6,140.81	8,097.28
Soldiers' Relief Tax	1,956.47	6,140.83	8,097.30
General County Bond Tax	21,756.34	68,286.65	90,042.99
Court House Tax	-	-	-
Emergency Tax	7,747.70	24,317.78	32,065.48
Bovine Tuberculosis Eradication	-	-	-
Secondary Roads - Construction	5,478,16	32,423.91	37,902.07
Secondary Roads - Maintenance	9,782.53	101,938.67	111,721.20
District School Tax	254,031.26	215,616.86	469,648.12
City Tax	121,959.92	-	121,959.92
Miscellaneous Taxes	2,382.65	8,051.50	10,434.15
Total	477,346.76	614,271.20	1,091,617.96*

*Includes special one mill tax on moneys and credits for Soldiers' Bonus Bonds.

Source: Report,
State Board of Assessment and Review.

TABLE 34
NUMBER OF SCHOOLS BY TYPE

Type of School	Number of Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	9	9	12
2. One-room rural elementary	95	92	81
3. 2-room(or more) rural elementary	2	2	2
4. Elementary, not rural	17	17	17
5. Separately organized Jr. High	-	2	3
6. Jr.-Sr. High, one organization	2	3	3
7. Separately organized Sr. High	-	-	3
8. Regular High, 4 years or less	7	6	3
9. Junior College	1	1	1
Total number of Schools	133	132	125

TABLE 35
ENROLLMENT IN SCHOOLS BY TYPE

Type of School	Enrollment in Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	258	219	216
2. One-room rural elementary	1,608	1,539	1,151
3. 2-room(or more) rural elementary	103	-	122
4. Elementary, not rural	2,812	2,445	2,151
5. *Jr.-Sr. High, one organization	1,327	1,539	2,072
6. Regular High, 4 years or less	573	611	203
7. Junior College	55	64	82
Total enrollment in all Schools	6,736	6,417	5,997

*Includes enrollment for School Types 5, 6 and 7 in Table 34.

Source: Annual Reports of County Superintendents to State Department of Public Instruction.

TABLE 36
MILES OF ROADS BY TYPE
January 1, 1939

Type of Surface	Primary Roads Outside Corporations	Secondary Roads		Total Mileage in Road System
		County Trunk	Local County	
Earth				
Unimproved	-	4.75	173.35	178.10
Improved	-	-	33.55	33.55
Surfaced				
Soil Surfaced	-	-	-	-
Shale	-	-	-	-
Gravel	26.1	144.70	643.50	814.30
Stone	-	-	-	-
Paved				
Bituminous	11.1	-	-	11.1
Concrete	46.4	-	-	46.4
Brick	-	-	-	-
County Total	83.6	149.45	850.40	1,083.45

Source: Annual Report, 1938,
Iowa Highway Commission.